



**User Manual**  
(Implementation Guide)

**UN/EDIFACT MESSAGE**

**DRAFT**  
**TPFREP**  
(Terminal Performance Report)

**Version 4.0**

**D.11B**

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# TPFREP Terminal Performance Report – D11B

## Version 4.0

### 1. INTRODUCTION

These instructions are valid for the "UN/EDIFACT UNITED NATIONS STANDARD MESSAGE (UNSM) TERMINAL PERFORMANCE MESSAGE" (TPFREP), version 4.0, date September 2012 as designed by the SMDG (User Group for Shipping Lines and Container Terminals)

The instructions in this manual are valid for fully cellular container ships.

This manual is intended for use by ship operators, container operators, tonnage centres, terminal operators, shipping lines, vessels, etc.

This "User Manual" (or "Implementation Guide") Version 4.0 was developed by the **SMDG User Group for Shipping Lines and Container Terminals**

The **SMDG** is a "Worldwide User Group" under the auspices of the **Western European EDIFACT Board (WEEB)**.

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**It is not permitted to change the contents of this manual !**



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Any remarks or questions can also be placed on our forum: go to [www.smdg.org](http://www.smdg.org) and select “forum”.



### 3. GENERAL

The EDIFACT Message "TPFRE" will be used to transmit information relating to the operations carried out by terminal operators such as the loading, discharging and re-handling of containers and hatch covers etc.

In general only complete "TPFRE" messages will be transmitted.

The TPFRE message will be transmitted by a terminal operator to the ship operator, container operator, tonnage center or shipping line.

#### Conventions

Immediately below the segment tags and data element identification the usage of same will be mentioned as follows:

#### **Usage Indicators**

'M' = Mandatory	The item is mandatory under all circumstances and must be given.
'C' = Conditional	The item is used by agreement between trading partners.
The use of "Conditional" Status Indicators is further specified by the implementation-related Usage Indicators "R", "O", "D" and "X" as below	
'R' = Required	The item is conditional but <b>MUST</b> be used anyway.
'O' = Optional	The item is conditional. It may be required by one or both trading partners.
'D' = Dependent	The item is conditional. The use of this item is depending on a well-defined condition or set of conditions. These conditions must be clearly specified in the implementation guideline.
'X' = Not Used	The item must not be used in the implementation.

Next to the usage indicator the official format of the field will be given, e.g. a4 or an..15. The description may further limit the format of the field, for example a field with a format an..17 may be limited to an12 by its description.

If composites or data-elements are repeated within a segment, respectively a composite, the occurrences of the composites or data-elements can be indicated by its sequence number within the segment or composite between brackets, e.g. "(1)" being the first occurrence of the composite or data-element within the segment. If its occurrence within the segment or composite is of no relevance then the sequence number will not be mentioned. If the sequence numbers are mentioned, but not all of them (e.g. only 2 out of 5 occurrences are described), then the remaining occurrences may NOT be used, unless agreed otherwise between partners.

Data elements within the segments that are not mentioned here will not be used, resp. should not contain important information, since they will probably not be seen by the recipient, unless agreed otherwise.

SMDG recommends to use only data elements, qualifiers and codes described in this manual. If partners agree to use additional data elements, qualifiers and codes, not described in this manual, then specific and detailed agreement about those data elements, qualifiers and codes should be made!

Optional data elements may be omitted, unless specifically made compulsory by this manual (Indicator "R" = required), or unless agreed otherwise between partners.

In no case neither mandatory segments (according to TPFRE) nor mandatory composites or data elements according to the relevant Segment Directory may be omitted.



In case of Consortia vessels, the codes required by the vessel operator should be used, when sending (copies of) the TPFREP message to the various lines.

#### 4. VERSIONS

Data elements, composites and segments of the **UN/EDIFACT directory D11B** are used in this manual.

Codes and qualifiers used, are according to **UN/EDIFACT Directory D11B Code List**.

This version 4.0 is based upon the previous version 3.0 with structure changes, corrections and improvements, as proposed by the members of SMDG.

#### 5. NOTES

TPFREP Version 4.0

This is an updated version of UN/EDIFACT Message Implementation Guideline to the Terminal Performance Report TPFREP version 3.0, issued by SMDG in 2002. It is based on the UN/EDIFACT Draft Messages and Directories Version D11B.

In summary, changes are as follows:

- All temporary qualifiers and codes were replaced by codes officially approved by the UN/CEFACT.
- In SG2: Only one EQD+GC segment is used per crane. A new working shift entry is identified by DTM+78 record.
- Vessel ID (IMO number or Call Sign) in the TDT Segment: New data elements are used because the following field was removed from the TDT segment since D.04B directory and cannot be used anymore: de1131/c222/TDT/SG1
- Report Load or Discharge of a *Breakbulk* cargo item now possible in SG5 (related to an operator).
- Report *Reefer and OOG* containers separately, now possible in EQD/SG5.



## TPFREP Terminal Performance Message

### Introduction:

The Terminal performance message is a message to transmit information relating to the operations carried out by terminal operators such as the loading, discharging and rehandling of containers and/or roll on/roll off items, hatch covers etc.

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>
11	0005	UNB	Interchange Header	C	1	
12	0010	UNH	Message Header	M	1	
13	0020	BGM	Beginning of Message	M	1	
14	0030	DTM	Date/Time/Period	C	1	
15	0040	FTX	Free Text	C	9	
	0050		Segment Group 1: TDT-LOC-DTM-RFF	M		1
17	0060	TDT	Transport Information	M	1	
19	0070	LOC	Place/Location Identification	M	1	
20	0080	DTM	Date/Time/Period	C	9	
21	0090	RFF	Reference	C	9	
	0100		Segment Group 2: EQD-SG3	C		999
23	0110	EQD	Equipment Details	M	1	
	0130		Segment Group 3: DTM-FTX-QTY	C		999
25	0140	DTM	Date/Time/Period	M	1	
26	0150	FTX	Free Text	C	9	
28	0160	QTY	Quantity	C	99	
	0170		Segment Group 4: NAD-SG5	C		99
30	0180	NAD	Name and Address	M	1	
	0190		Segment Group 5: EQD-SG6	C		999
33	0200	EQD	Equipment Details	M	1	
	0210		Segment Group 6: QTY-FTX	C		99
36	0220	QTY	Quantity	M	1	
37	0230	FTX	Free Text	C	9	
40	0240	UNT	Message Trailer	M	1	
41	0245	UNZ	Interchange Trailer	C	1	



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**Segment:** **UNB** Interchange Header  
**Position:** 0005  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To start, identify and specify an interchange  
**Notes:** *Example:*

*UNB+UNOA:1+CTLPB+HLC+110831:1700+627'*

**Data Element Summary**

<u>User</u>	<u>Data</u>	<u>Component</u>			
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>					
M	S001		SYNTAX IDENTIFIER	M	1
M		0001	Syntax identifier	M	a4
			<i>UNOA UN/ECE level A</i>		
M		0002	Syntax version number	M	n1
			<i>I Version 1</i>		
M	S002		INTERCHANGE SENDER	M	1
M		0004	Sender identification	M	an..35
X		0007	Partner identification code qualifier	C	an..4
X		0008	Address for reverse routing	C	an..14
M	S003		INTERCHANGE RECIPIENT	M	1
M		0010	Recipient identification	M	an..35
X		0007	Partner identification code qualifier	C	an..4
X		0014	Routing address	C	an..14
M	S004		DATE AND TIME OF PREPARATION	M	1
M		0017	Date of preparation	M	n6
M		0019	Time of preparation	M	n4
M	0020		INTERCHANGE CONTROL REFERENCE	M	1 an..14
X	S005		RECIPIENTS REFERENCE PASSWORD	C	1
X		0022	Recipient reference/password	M	an..14
X		0025	Recipient reference/password qualifier	C	an2
X	0026		APPLICATION REFERENCE	C	1 an..14
X	0029		PROCESSING PRIORITY CODE	C	1 a1
X	0031		ACKNOWLEDGEMENT REQUEST	C	1 n1
X	0032		COMMUNICATIONS AGREEMENT ID	C	1 an..35
X	0035		TEST INDICATOR	C	1 n1



**Segment:** **UNH** Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Terminal performance message is TPFREP.  
 Note: Terminal performance messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 TPFREP 0052 D 0054 11A 0051 UN

**Notes:** *Example:*

**UNH+625+TPFREP:D:11B:UN:SMDG40'**

#### Data Element Summary

User Attribute Attributes	Data Element	Component Element	Name			
M	0062		MESSAGE REFERENCE NUMBER	M	1	an..14
<i>Unique within an interchange.</i>						
M	S009		MESSAGE IDENTIFIER	M	1	
M		0065	Message type identifier	M		an..6
			<i>TPFREP Terminal performance message</i>			
M		0052	Message type version number	M		an..3
			<i>D Draft version/UN/EDIFACT Directory</i>			
M		0054	Message type release number	M		an..3
			<i>11B Release 2011 - B</i>			
M		0051	Controlling agency	M		an..2
			<i>UN UN/CEFACT</i>			
O		0057	Association assigned code	C		an..6
<i>SMDG40 (SMDG TPFREP Version 4.0) should be used.</i>						
X	0068		COMMON ACCESS REFERENCE	C	1	an..35
X	S010		STATUS OF THE TRANSFER	C	1	
X		0070	Sequence message transfer number	M		n..2
X		0073	First/last sequence message transfer indication	C		a1



**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the beginning of the message by identifying the message by a message number.  
**Notes:** *Example:*  
**BGM+265+700+9'**

**Data Element Summary**

<u>User Attribute Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
R	C002		DOCUMENT/MESSAGE NAME	C	1
R		1001	Document name code	C	an..3
		265	<i>Transport equipment movement report</i>		
X		1131	Code list identification code	C	an..17
X		3055	Code list responsible agency code	C	an..3
X		1000	Document name	C	an..35
R	C106		DOCUMENT/MESSAGE IDENTIFICATION	C	1
R		1004	Document identifier	C	an..70
			<i>Sender's unique reference number. If a message is to be corrected or updated, a new unique identification will be required.</i>		
X		1056	Version identifier	C	an..9
X		1060	Revision identifier	C	an..6
O	1225		MESSAGE FUNCTION CODE	C	1 an..3
		1	<i>Cancellation</i>		
			<i>(cancel whole message)</i>		
		2	<i>Addition</i>		
		3	<i>Deletion</i>		
		4	<i>Change</i>		
		5	<i>Replace</i>		
			<i>(replace whole message)</i>		
		9	<i>Original</i>		
			<i>(original whole message)</i>		
		22	<i>Final transmission</i>		
X	4343		RESPONSE TYPE CODE	C	1 an..3



**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment to identify a date and time on which the message is sent.  
**Notes:** *This DTM is used for dates which apply to the entire message.*

*Example:*

*DTM+137:201209271500:203'*  
*DTM+137:201209271500?+0330:205'*

**Data Element Summary**

<u>User</u>	<u>Data</u>	<u>Component</u>			
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>					
M	C507		DATE/TIME/PERIOD	M	1
M		2005	Date or time or period function code qualifier	M	an..3
		137	<i>Document issue date time</i>		
R		2380	Date or time or period text	C	an..35
R		2379	Date or time or period format code	C	an..3
		203	<i>CCYYMMDDHHMM</i>		
		205	<i>CCYYMMDDHHMMZHHMM</i>		



**Segment:** **FTX** Free Text  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to specify free text with prior agreement under request of recipients.

**Notes:** *This FTX segment should only be used with prior agreement under request of recipients.*

*Example:*

*FTX+AAI+++FREE TEXT'*

**Data Element Summary**

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>			
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>						
M	4451		TEXT SUBJECT CODE QUALIFIER <i>AAI</i> General information	M	1	an..3
X	4453		FREE TEXT FUNCTION CODE	C	1	an..3
X	C107		TEXT REFERENCE	C	1	
X		4441	Free text description code	M		an..17
X		1131	Code list identification code	C		an..17
X		3055	Code list responsible agency code	C		an..3
R	C108		TEXT LITERAL	C	1	
M		4440	Free text	M		an..512
			<i>Free text, minimum one line.</i>			
O		4440	Free text	C		an..512
O		4440	Free text	C		an..512
O		4440	Free text	C		an..512
O		4440	Free text	C		an..512
X	3453		LANGUAGE NAME CODE	C	1	an..3
X	4447		FREE TEXT FORMAT CODE	C	1	an..3



**Group:** **TDT** Segment Group 1: Transport Information  
**Position:** 0050  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A group of segments to identify the means of transport handled by the terminal operator.

**Segment Summary**

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0060	TDT	Transport Information	M		1
M	0070	LOC	Place/Location Identification	M		1
R	0080	DTM	Date/Time/Period	C		9
O	0090	RFF	Reference	C		9

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**Segment:** **TDT** Transport Information  
**Position:** 0060 (Trigger Segment)  
**Group:** Segment Group 1 (Transport Information) Mandatory  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the means of transport.  
**Notes:** *Example a) IMO Number '9306990' is reported:  
TDT+20+51W16+1++NYK::306+++9306990::11:VESSEL NAME'*  
*Example b) Call Sign '3EBG2' is reported:  
TDT+20+51W16+1++NYK::306+++3EBG2::296:VESSEL NAME'*

**Data Element Summary**

User	Data	Component			
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>					
M	8051		TRANSPORT STAGE CODE QUALIFIER	M	1 an..3
		20	Main-carriage transport		
O	8028		MEANS OF TRANSPORT JOURNEY IDENTIFIER	C	1 an..17
			<i>Discharge voyage number as assigned by the Carrier or this agent.</i>		
R	C220		MODE OF TRANSPORT	C	1
R		8067	Transport mode name code	C	an..3
			<i>UNECE recommendation 19. The following code should be used:</i>		
			<i>1 Maritime</i>		
X		8066	Transport mode name	C	an..17
X	C001		TRANSPORT MEANS	C	1
X		8179	Transport means description code	C	an..8
X		1131	Code list identification code	C	an..17
X		3055	Code list responsible agency code	C	an..3
X		8178	Transport means description	C	an..17
R	C040		CARRIER	C	1
R		3127	Carrier identifier	C	an..17
			<i>Vessel Operator, coded. Recommendation: Use SMDG Master Liner Codes.</i>		
X		1131	Code list identification code	C	an..17
O		3055	Code list responsible agency code	C	an..3
		20	BIC (Bureau International des Containeurs)		
		166	US, National Motor Freight Classification Association		
		306	SMDG (Ship-planning Message Design Group)		
		ZZZ	Mutually defined		
X		3126	Carrier name	C	an..35
X	8101		TRANSIT DIRECTION INDICATOR CODE	C	1 an..3
X	C401		EXCESS TRANSPORTATION INFORMATION	C	1
X		8457	Excess transportation reason code	M	an..3
X		8459	Excess transportation responsibility code	M	an..3
X		7130	Customer shipment authorisation identifier	C	an..17
R	C222		TRANSPORT IDENTIFICATION	C	1
R		8213	Transport means identification name identifier	C	an..35
			<i>IMO Number (if 3055 = '11')</i>		



<i>Call Sign (if 3055 = '296')</i>				
<i>SMDG recommends to use the IMO number.</i>				
O	1131	Code list identification code	C	an..17
O	3055	Code list responsible agency code	C	an..3
		11 Lloyd's register of shipping		
		296 ITU (International Telecommunication Union)		
O	8212	Transport means identification name	C	an..70
<i>Full name of vessel, if required.</i>				
O	8453	Transport means nationality code	C	an..3
<i>Use only ISO 2 alpha Country Code.</i>				
X	8281	TRANSPORT MEANS OWNERSHIP INDICATOR CODE	C	1 an..3
X	C003	POWER TYPE	C	1
X	7041	Power type code	C	an..3
X	1131	Code list identification code	C	an..17
X	3055	Code list responsible agency code	C	an..3
X	7040	Power type description	C	an..17

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**Segment:** **LOC** Place/Location Identification  
**Position:** 0070  
**Group:** Segment Group 1 (Transport Information) Mandatory  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the location where the means of transport is handled.  
**Notes:** *Example:*

*LOC+5+HKHKG+MTLHK::306'*

**Data Element Summary**

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>			
<u>Attribute</u>	<u>Element</u>	<u>Element</u>				
<u>Attributes</u>						
M	3227		LOCATION FUNCTION CODE QUALIFIER	M	1	an..3
		5	<i>Place of departure</i>			
R	C517		LOCATION IDENTIFICATION	C	1	
R		3225	Location identifier	C		an..35
			<i>Port of the activity (UN LOC Code)</i>			
X		1131	Code list identification code	C		an..17
X		3055	Code list responsible agency code	C		an..3
X		3224	Location name	C		an..256
O	C519		RELATED LOCATION ONE IDENTIFICATION	C	1	
D		3223	First related location identifier	C		an..35
			<i>Terminal code maintained by SMDG or code mutually agreed between the partners.</i>			
X		1131	Code list identification code	C		an..17
O		3055	Code list responsible agency code	C		an..3
		306	<i>SMDG (Ship-planning Message Design Group)</i>			
		ZZZ	<i>Mutually defined</i>			
D		3222	First related location name	C		an..70
			<i>Required if the de3223 is 'Blank'.</i>			
X	C553		RELATED LOCATION TWO IDENTIFICATION	C	1	
X		3233	Second related location identifier	C		an..35
X		1131	Code list identification code	C		an..17
X		3055	Code list responsible agency code	C		an..3
X		3232	Second related location name	C		an..70
X	5479		RELATION CODE	C	1	an..3



**Segment:** **DTM** Date/Time/Period  
**Position:** 0080  
**Group:** Segment Group 1 (Transport Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 9  
**Purpose:** A segment to identify dates and times on which the means of transport is handled.  
**Notes:** *Examples:*

*DTM+178:201108291900:203'*  
*DTM+269:201108291930:203'*  
*DTM+413:201108301700:203'*  
*DTM+186:201108301745:203'*

**Data Element Summary**

User Attribute Attributes	Data Element	Component Element	Name		
M	C507	2005	DATE/TIME/PERIOD	M	1
M			Date or time or period function code qualifier	M	an..3
			<i>The following four qualifiers are mandatory:</i> 178 (Actual vessel arrival at the berth) 186 (Actual vessel departure from the berth) 269 (Begin of container handling operation) 413 (End of container handling operation)		
			<i>The following two qualifiers are optional:</i> 189 (Departure date/time as per the latest schedule published by the vessel operator) 232 (Arrival date/time as per the latest schedule published by the vessel operator)		
			178	Transport means arrival date time, actual	
			186	Transport means departure date/time, actual	
			189	Transport means departure date/time, scheduled	
			232	Transport means arrival date/time, scheduled	
			269	Discharge date/time, started	
			413	Discharge and loading completed date/time	
R		2380	Date or time or period text	C	an..35
R		2379	Date or time or period format code	C	an..3



**Segment:** **RFF** Reference  
**Position:** 0090  
**Group:** Segment Group 1 (Transport Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to identify relevant reference numbers for the means of transport and the operations.

**Notes:** *The IMO Number in the preceding TDT segment should be sufficient to identify the vessel. However if the Call Sign should be reported in addition, then this RFF+VM segment can be used.*

*Example:*

*RFF+VON:7199'*

*RFF+VM:3FTK6'*

Data Element Summary					
User Attribute Attributes	Data Element	Component Element	Name		
M	C506		REFERENCE		M 1
M		1153	Reference code qualifier		M an..3
			VM	Vessel identifier	
			VON	Voyage number	
				<i>Call sign</i>	
				<i>Alternative voyage number. This code is only used if a second voyage number is to be transmitted e.g. a vessel-sharing carrier's number. The vessel operator's voyage number should always be provided in DE 8028 in the preceding TDT.</i>	
R		1154	Reference identifier		C an..70
X		1156	Document line identifier		C an..6
X		1056	Version identifier		C an..9
X		1060	Revision identifier		C an..6



**Group:** **EQD** Segment Group 2: Equipment Details  
**Position:** 0100  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 999  
**Purpose:** A group of segments to specify the details of the equipment and the operations performed.  
**Notes:** *The working times and the volumes have to be reported by individual crane.*

**Segment Summary**

<u>User</u> <u>Attribute</u>	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0110	EQD	Equipment Details	M	1	
	0130		Segment Group 3: Date/Time/Period	C		999

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**Segment:** **EQD** Equipment Details  
**Position:** 0110 (Trigger Segment)  
**Group:** Segment Group 2 (Equipment Details) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify details of the equipment, such as the equipment identification number.  
**Notes:** *Example:*  
*EQD+DPC+1'*  
*EQD+DPC+2'*

**Data Element Summary**

<u>User Attribute Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>			
M	8053		<b>EQUIPMENT TYPE CODE QUALIFIER</b> <i>DPC Container gantry crane</i> <i>DPD Mobile crane</i> <i>DPE Floating crane</i> <i>DPF Ship's equipment crane</i>	M	1	an..3
R	C237		<b>EQUIPMENT IDENTIFICATION</b>	C	1	
R		8260	<b>Equipment identifier</b> <i>Crane identification numbers for actual equipment.</i>	C		an..17
X		1131	<b>Code list identification code</b>	C		an..17
X		3055	<b>Code list responsible agency code</b>	C		an..3
X		3207	<b>Country identifier</b>	C		an..3
X	C224		<b>EQUIPMENT SIZE AND TYPE</b>	C	1	
X		8155	<b>Equipment size and type description code</b>	C		an..10
X		1131	<b>Code list identification code</b>	C		an..17
X		3055	<b>Code list responsible agency code</b>	C		an..3
X		8154	<b>Equipment size and type description</b>	C		an..35
X	8077		<b>EQUIPMENT SUPPLIER CODE</b>	C	1	an..3
X	8249		<b>EQUIPMENT STATUS CODE</b>	C	1	an..3
X	8169		<b>FULL OR EMPTY INDICATOR CODE</b>	C	1	an..3
X	4233		<b>MARKING INSTRUCTIONS CODE</b>	C	1	an..3



**Group:** **DTM** Segment Group 3: Date/Time/Period  
**Position:** 0130  
**Group:** Segment Group 2 (Equipment Details) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify dates and times and other details for the operations carried out.

**Segment Summary**

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0140	DTM	Date/Time/Period	M		1
D	0150	FTX	Free Text	C		9
D	0160	QTY	Quantity	C		99

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**Segment:** **DTM** Date/Time/Period  
**Position:** 0140 (Trigger Segment)  
**Group:** Segment Group 3 (Date/Time/Period) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a date and time related to the equipment operation.  
**Notes:** *This segment serves two purposes:*

*DTM+78 reports start time and end time for a crane shift (time period).  
 DTM+468 reports non-working time within that shift (HHMM).*

*The first DTM segment under a EQD segment must always be the DTM+78 (crane shift time start and end).*

*The DTM+468 segment (non working time) must be followed by the FTX segment (reason for non working time).*

**Examples:**

*DTM+78:201107280830-201107281230:719'*

*DTM+468:0035:401'*

**Data Element Summary**

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	C507		DATE/TIME/PERIOD	M	1
M		2005	Date or time or period function code qualifier	M	an..3
<i>The qualifier of '78' is always required and the qualifier of '468' is required if 'non working' occurs during the cargo operation.</i>					
		78	Event date/time/period, actual		
		468	Non working		
R		2380	Date or time or period text	C	an..35
R		2379	Date or time or period format code	C	an..3
		401	HHMM		
		719	CCYYMMDDHHMM-CCYYMMDDHHMM		



**Segment:** **FTX** Free Text  
**Position:** 0150  
**Group:** Segment Group 3 (Date/Time/Period) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Dependent)  
**Max Use:** 9  
**Purpose:** A segment to provide detailed information related to the equipment operation during the indicated date/time/period.

**Notes:** *This segment explains the reason for non-working time. It is required if de2005 in the preceding DTM is '468'.*

*Example:*

*FTX+ACD++LOT::306'*

*FTX+ACD++WEA::306+STOPPAGE OF WORK DUE TO HEAVY FOG'*

Data Element Summary					
User Attribute Attributes	Data Element	Component Element	Name		
M	4451		TEXT SUBJECT CODE QUALIFIER <i>ACD Reason</i>	M	1 an..3
X	4453		FREE TEXT FUNCTION CODE	C	1 an..3
R	C107		TEXT REFERENCE	C	1
M		4441	Free text description code <i>AIP Accident involving personnel</i> <i>CAF Cargo - Awaiting Exports</i> <i>DIN Deficient or inadequate information (Ship and/or Container Operator)</i> <i>FTE Failure or unavailability of Terminal equipment</i> <i>HLD Hatch Lids</i> <i>LAS Lashing/Unlashing</i> <i>LLA Labour - Stoppage due to Industrial Action</i> <i>LOT Labour - Other</i> <i>MSC Miscellaneous</i> <i>OTH Others</i> <i>PLT Planning (Terminal)</i> <i>SPE Ship - Personnel, equipment not ready or unavailable</i> <i>UCC Non-containerised Cargo - Handling non-containerised cargo or Out of Gauge equipment requiring manual intervention</i> <i>WEA Weather</i>	M	an..17
X		1131	Code list identification code	C	an..17
O		3055	Code list responsible agency code <i>306 SMDG (Ship-planning Message Design Group)</i>	C	an..3
D	C108		TEXT LITERAL <i>Can be used to further explain the reason code in DE4441. Should be used if the code in DE4441 equals 'OTH'.</i>	C	1
M		4440	Free text <i>Free text, minimum one line.</i>	M	an..512
O		4440	Free text	C	an..512
O		4440	Free text	C	an..512



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O		4440	Free text	C	an..512
O		4440	Free text	C	an..512
X	3453		LANGUAGE NAME CODE	C	1 an..3
X	4447		FREE TEXT FORMAT CODE	C	1 an..3

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**Segment:** **QTY** Quantity  
**Position:** 0160  
**Group:** Segment Group 3 (Date/Time/Period) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Dependent)  
**Max Use:** 99  
**Purpose:** A segment to specify the number of lifts performed for cargo operation during the indicated date/time/period.

**Notes:** *This segment should be required if de2005 in the preceding DTM is '78'.*

**Examples:**

*QTY+491:4'*  
*QTY+492:4'*  
*QTY+493:16'*  
*QTY+494:147'*  
*QTY+495:120'*  
*QTY+496:3'*  
*QTY+499:2'*

**Data Element Summary**

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C186		QUANTITY DETAILS	M	1
M		6063	Quantity type code qualifier	M	an..3
			491 Number of containers discharged for restow		
			492 Number of containers loaded for restow		
			493 Number of hatch cover moves		
			494 Total number of equipment moves, load and discharge		
			495 Number of container moves, load and discharge		
			496 Number of containers to be shifted		
			497 Number of Ro/Ro container moves, load and discharge		
			498 Number of Ro/Ro units, load and discharge		
			499 Number of breakbulk cargo items, load and discharge		
			500 Number of moves of stacking frames, load and discharge		
M		6060	Quantity	M	an..35
			<i>Numbers of activity, as qualified. (Whole number to be sent)</i>		
X		6411	Measurement unit code	C	an..8



**Group:** NAD Segment Group 4: Name and Address  
**Position:** 0170  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify name and address of a container operator or a terminal operator and further details of the performance provided by the terminal operator.

**Segment Summary**

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0180	NAD	Name and Address	M		1
	0190		Segment Group 5: Equipment Details	C		999

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**Segment:** **NAD** Name and Address  
**Position:** 0180 (Trigger Segment)  
**Group:** Segment Group 4 (Name and Address) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify name and address of a container operator or a terminal operator.

**Notes:** *Examples:*  
 NAD+CF+NYK'  
 NAD+TR+CONWS'  
 NAD+VW+CSA'

**Data Element Summary**

User Attribute Attributes	Data Element	Component Element	Name			
M	3035		<b>PARTY FUNCTION CODE QUALIFIER</b>	M	1	an..3
		CF	Container operator/lessee			
		TR	Terminal operator			
		VW	Responsible party			
R	C082		<b>PARTY IDENTIFICATION DETAILS</b>	C	1	
M		3039	Party identifier	M		an..35
			<i>Code specifying the identity of a party, standard or agreed codes.            For Container Operators (CF in de3035) only the SMDG Master Liner Code List must be used.            For Terminal Convenience Restows and for Common Restows, which are not assigned to a Container Operator, use code ZZZ'.</i>			
X		1131	Code list identification code	C		an..17
X		3055	Code list responsible agency code	C		an..3
X	C058		<b>NAME AND ADDRESS</b>	C	1	
X		3124	Name and address description	M		an..35
X		3124	Name and address description	C		an..35
X		3124	Name and address description	C		an..35
X		3124	Name and address description	C		an..35
X		3124	Name and address description	C		an..35
X	C080		<b>PARTY NAME</b>	C	1	
X		3036	Party name	M		an..70
X		3036	Party name	C		an..70
X		3036	Party name	C		an..70
X		3036	Party name	C		an..70
X		3036	Party name	C		an..70
X		3045	Party name format code	C		an..3
X	C059		<b>STREET</b>	C	1	
X		3042	Street and number or post office box identifier	M		an..35
X		3042	Street and number or post office box identifier	C		an..35
X		3042	Street and number or post office box identifier	C		an..35
X		3042	Street and number or post office box identifier	C		an..35
X	3164		<b>CITY NAME</b>	C	1	an..35
X	C819		<b>COUNTRY SUBDIVISION DETAILS</b>	C	1	
X		3229	Country subdivision identifier	C		an..9



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X		1131	Code list identification code	C	an..17
X		3055	Code list responsible agency code	C	an..3
X		3228	Country subdivision name	C	an..70
X	3251		POSTAL IDENTIFICATION CODE	C	1 an..17
X	3207		COUNTRY IDENTIFIER	C	1 an..3

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**Group:** **EQD** Segment Group 5: Equipment Details  
**Position:** 0190  
**Group:** Segment Group 4 (Name and Address) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** Segment group 5: EQD-SG6 A group of segments to specify type and size of equipments and quantities operated by a terminal operator.

**Segment Summary**

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0200	EQD	Equipment Details	M		1
	0210		Segment Group 6: Quantity	C		99

DRAFT





**Segment:** **EQD** Equipment Details  
**Position:** 0200 (Trigger Segment)  
**Group:** Segment Group 5 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify the type & size of the equipment operated.

**Notes:** *Examples:*

*EQD+CN++40FT:::OOG+++5' 40ft Full Containers with Out-Of-Gauge Cargo*  
*EQD+CN++40FT:::RFR+++5' 40ft Full Active Reefer Containers with Temperature-Controlled Cargo*  
*EQD+CN++40FT:::STD+++5' 40ft Full Containers other than Out-Of-Gauge Cargo and Temperature-Controlled Cargo*  
*EQD+CN++40FT:::STD+++4' 40ft Empty Containers*  
*EQD+CN++20FT:::STD+++4' 20ft Empty Containers*  
*EQD+AH' Break Bulk Cargo Item*

Data Element Summary					
User Attribute Attributes	Data Element	Component Element	Name		
M	8053		EQUIPMENT TYPE CODE QUALIFIER	M	1 an..3
			<i>Use 'AH' for break bulk cargo items.</i>		
			<i>AH No special equipment needed</i>		
			<i>CN Container</i>		
X	C237		EQUIPMENT IDENTIFICATION	C	1
X		8260	Equipment identifier	C	an..17
X		1131	Code list identification code	C	an..17
X		3055	Code list responsible agency code	C	an..3
X		3207	Country identifier	C	an..3
D	C224		EQUIPMENT SIZE AND TYPE	C	1
			<i>Required if the de8053 is 'CN'.</i>		
R		8155	Equipment size and type description code	C	an..10
			<i>20FT 20 Feet Container</i>		
			<i>40FT 40 Feet Container</i>		
			<i>45FT 45 Feet Container</i>		
			<i>48FT 48 Feet Container</i>		
			<i>nnFT nn Feet Container (where nn is the length of the container)</i>		
X		1131	Code list identification code	C	an..17
O		3055	Code list responsible agency code	C	an..3
			<i>ZZZ Mutually defined</i>		
D		8154	Equipment size and type description	C	an..35
			<i>Should be required if special cargoes, e.g.</i>		
			<i>OOG (Containers loaded with Out-Of-Gauge Cargo.)</i>		
			<i>RFR (Active Reefer Containers loaded with Temperature-Controlled Cargo.)</i>		
			<i>STD (All other Containers, not loaded with Out-Of-Gauge Cargo or Temperature-Controlled Cargo.)</i>		
			<i>If de8154 is not specified then STD(standard) will be assumed.</i>		
X	8077		EQUIPMENT SUPPLIER CODE	C	1 an..3
X	8249		EQUIPMENT STATUS CODE	C	1 an..3



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<b>O</b>	<b>8169</b>	<b>FULL OR EMPTY INDICATOR CODE</b>	<b>C</b>	<b>1 an..3</b>
		4 <i>Empty</i>		
		5 <i>Full</i>		
<b>O</b>	<b>4233</b>	<b>MARKING INSTRUCTIONS CODE</b>	<b>C</b>	<b>1 an..3</b>
		31 <i>Marked with ISO 10374 (permanent container tag)</i>		

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**Group:** QTY Segment Group 6: Quantity  
**Position:** 0210  
**Group:** Segment Group 5 (Equipment Details) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify the amount and further details of equipment operated by a terminal operator.

**Segment Summary**

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0220	QTY	Quantity	M		1
O	0230	FTX	Free Text	C		9

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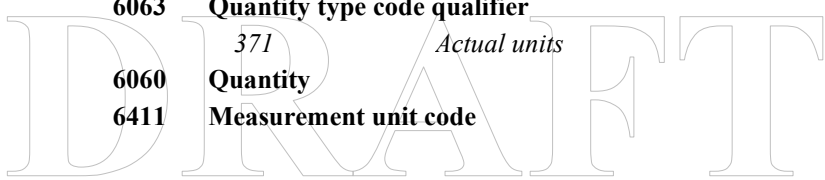


**Segment:** **QTY** Quantity  
**Position:** 0220 (Trigger Segment)  
**Group:** Segment Group 6 (Quantity) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify the amount of equipment operated by a terminal operator.  
**Notes:**

*Example:*  
**QTY+371:123'**

**Data Element Summary**

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>			
<u>Attributes</u>					
M	C186		QUANTITY DETAILS	M	1
M		6063	Quantity type code qualifier	M	an..3
		371	<i>Actual units</i>		
M		6060	Quantity	M	an..35
X		6411	Measurement unit code	C	an..8





**Segment:** **FTX** Free Text  
**Position:** 0230  
**Group:** Segment Group 6 (Quantity) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to specify the amount of equipment given in the preceding QTY segment.  
**Notes:**

**Examples:**  
*FTX+AID++IDI::306'*  
*FTX+AID++IDI::306+DEEP SEA'*  
*FTX+AID++IDI::306+SHORT SEA'*  
*FTX+AID++IDI::306+NUMBER OF CONTAINERS DISCHARGED FOR IMPORT'*

**Data Element Summary**

User Attribute	Data Element	Component Element	Name		
M	4451		TEXT SUBJECT CODE QUALIFIER	M	1 an..3
			<i>AID Event</i>		
X	4453		FREE TEXT FUNCTION CODE	C	1 an..3
O	C107		TEXT REFERENCE	C	1

**> DISCHARGE**  
*DIS Total number of containers discharged*  
*IDI Number of containers discharged for import*  
*ODI Number of containers discharged N.O.S.*  
*CDI Number of containers discharged for coastal transport*  
*TDI Number of containers discharged for transshipment*  
**> LOAD**  
*LOD Total number of containers loaded*  
*ELD Number of containers loaded for export*  
*CLD Number of containers loaded for coastal transport*  
*TLD Number of containers loaded from transshipment*  
*OLD Number of containers loaded N.O.S.*  
**> RESTOW**  
*RST Total number of containers re-stowed*  
*TRE Number of containers re-stowed, under terminal instruction*  
*CRE Number of containers re-stowed, under carrier's instruction*  
*ORE Number of containers re-stowed, for other reasons than terminal's or a carrier's instruction*  
*SHI Total number of containers shifted on board*  
*TSH Number of containers shifted on board, under terminal instruction (use this code for Terminal Convenience Restows)*  
*CSH Number of containers shifted on board, under carrier's instruction*  
*OSH Number of containers shifted on board for other reasons than terminal or carrier instruction (use this code for Common Restows)*  
*RES Total number of containers discharged and re-loaded*  
*TDL Number of containers discharged and re-loaded under terminal instruction (use this code for Terminal Convenience Restows)*  
*CDL Number of containers discharged and re-loaded under carrier's instruction*  
*ODL Number of containers discharged and re-loaded for other reasons*



than terminal or carrier instruction (use this code for Common Restows)

> **BREAK BULK**

**BBD** Number of Breakbulk items discharged

**BBL** Number of Breakbulk items loaded

M	4441	Free text description code	M	an..17
		<i>BBD</i>		<i>Number of Breakbulk items discharged</i>
		<i>BBL</i>		<i>Number of Breakbulk items loaded</i>
		<i>CDI</i>		<i>Number of containers discharged for coastal transport</i>
		<i>CDL</i>		<i>Number of containers discharged and re-loaded under carrier's instruction</i>
		<i>CLD</i>		<i>Number of containers loaded for coastal transport</i>
		<i>CRE</i>		<i>Number of containers re-stowed, under carrier's instruction</i>
		<i>CSH</i>		<i>Number of containers shifted on board, under carrier's instruction</i>
		<i>DIS</i>		<i>Total number of containers discharged</i>
		<i>ELD</i>		<i>Number of containers loaded for export</i>
		<i>IDI</i>		<i>Number of containers discharged for import</i>
		<i>LOD</i>		<i>Total number of containers loaded</i>
		<i>ODI</i>		<i>Number of containers discharged N.O.S.</i>
		<i>ODL</i>		<i>Number of containers discharged and re-loaded for other reasons than terminal or carrier instruction (use this code for Common Restows)</i>
		<i>OLD</i>		<i>Number of containers loaded N.O.S.</i>
		<i>ORE</i>		<i>Number of containers re-stowed, for other reasons than terminal's or a carrier's instruction</i>
		<i>OSH</i>		<i>Number of containers shifted on board for other reasons than terminal or carrier instruction (use this code for Common Restows)</i>
		<i>RES</i>		<i>Total number of containers discharged and re-loaded</i>
		<i>RST</i>		<i>Total number of containers re-stowed</i>
		<i>SHI</i>		<i>Total number of containers shifted on board</i>
		<i>TDI</i>		<i>Number of containers discharged for transshipment</i>
		<i>TDL</i>		<i>Number of containers discharged and re-loaded under terminal instruction (use this code for Terminal Convenience Restows)</i>
		<i>TLD</i>		<i>Number of containers loaded from transshipment</i>
		<i>TRE</i>		<i>Number of containers re-stowed, under terminal instruction</i>
		<i>TSH</i>		<i>Number of containers shifted on board, under terminal instruction (use this code for Terminal Convenience Restows)</i>
<b>X</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..17</b>
<b>O</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		306		SMDG (Ship-planning Message Design Group)
<b>O</b>	<b>C108</b>	<b>TEXT LITERAL</b>	<b>C</b>	<b>1</b>
<b>M</b>	<b>4440</b>	<b>Free text</b>	<b>M</b>	<b>an..512</b>
		<i>(Note: Mutually Defined Term of Movements e.g. Deep Sea, Short Sea)</i>		
<b>O</b>	<b>4440</b>	<b>Free text</b>	<b>C</b>	<b>an..512</b>
<b>O</b>	<b>4440</b>	<b>Free text</b>	<b>C</b>	<b>an..512</b>
<b>O</b>	<b>4440</b>	<b>Free text</b>	<b>C</b>	<b>an..512</b>
<b>O</b>	<b>4440</b>	<b>Free text</b>	<b>C</b>	<b>an..512</b>



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X	3453	LANGUAGE NAME CODE	C	1 an..3
X	4447	FREE TEXT FORMAT CODE	C	1 an..3

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**Segment:** UNT Message Trailer  
**Position:** 0240  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.  
**Notes:** *Example:*  
 UNT+45+625'

**Data Element Summary**

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>			
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M	1	n..6
M	0062		MESSAGE REFERENCE NUMBER	M	1	an..14
			<i>Should match DE 0062 in the UNH.</i>			





**Segment:** UNZ Interchange Trailer  
**Position:** 0245  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange  
**Notes:** *Example:*  
*UNZ+1+627'*

**Data Element Summary**

<u>User</u>	<u>Data</u>	<u>Component</u>			
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>					
M	0036		INTERCHANGE CONTROL COUNT	M	1 n..6
M	0020		INTERCHANGE CONTROL REFERENCE	M	1 an..14
			<i>Should match DE 0020 in the UNB.</i>		

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## TPFREP 4.0 Example Message

UNB+UNOA:1+CTLPB+HLC+110831:1700+627	
UNH+625+TPFREP:D:11B:UN:SMDG40	
BGM+265+83085548+9	
DTM+137:201209271525:203	
TDT+20+0027+1++HLC::306+++9253038::11:CARPATHIA	
LOC+5+AUSYD+CTLPB::306+5	
DTM+178:201108291900:203'	Actual vessel arrival at the berth
DTM+186:201108301745:203'	Actual vessel departure from the berth
DTM+269:201108291930:203'	Begin of container handling operation
DTM+413:201108301700:203'	End of container handling operation
RFF+VON:0127	
EDQ+DPC+C1'	Standard gantry crane No.C1
DTM+78:201108291930-201108300200:719'	Start and end date/time for Crane# C1 First shift
QTY+491:110'	110 container moves, load and discharge
QTY+492:5'	5 container moves shifted on board
QTY+497:10'	10 container moves, discharge for restow
QTY+498:10'	10 container moves, load from restow
QTY+499:8'	8 hatch cover moves
QTY+500:143'	143 total equipment moves, in this shift
DTM:468:0030:401'	Non working time 30 minutes
FTX+ACD++LOT::306+LABOR REST PERIOD'	Reason for non working time = labor other
DTM:468:0130:401'	Non working time 1 hour 30 minutes
FTX+ACD++WEA::306+BAD WEATHER'	Reason for non working time = bad weather
DTM+78:201108300230-201108300750:719'	Start and end date/time



	for Crane# C1 Second shift
QTY+491:80'	80 container moves, load and discharge
QTY+497:5'	5 container moves, discharge for restow
QTY+498:5'	5 container moves, load from restow
QTY+499:10'	10 hatch cover moves
QTY+495:2'	2 Break Bulk moves
QTY+500:100'	100 total equipment moves, in this shift
EDQ+DPC+C2'	Standard gantry crane No.C2
DTM:468:0030:401'	Non working time 30 minutes
FTX+ACD++LOT::306+LABOR REST PERIOD'	Reason for non working time = labor other
DTM:468:0045:401'	Non working time 45 minutes
FTX+ACD++UCC::306+UNCON'	Reason for non working time = handling non-containerized cargo
EDQ+DPC+C2'	Standard gantry crane No.C2
DTM+78:201108292100-201108300130:719'	Start and end date/time for Crane# C2 First shift
QTY+491:95'	95 container moves, load and discharge
QTY+492:1'	1 container moves shifted on board
QTY+499:4'	4 hatch cover moves
QTY+500:100'	100 total equipment moves, in this shift
DTM:468:0030:401'	Non working time 30 minutes
FTX+ACD++LOT::306+LABOR REST PERIOD'	Reason for non working time = labor other
DTM:468:0100:401'	Non working time 1 hour
FTX+ACD++WEA::306+GALE'	Reason for non working time = bad weather
EDQ+DPC+C3'	Standard gantry crane



	No.C3
DTM+78:201108292020-201108300145:719'	Start and end date/time for Crane# C3 First shift
QTY+491:205'	205 container moves, load and discharge
QTY+499:10'	10 hatch cover moves
QTY+500:215'	215 total equipment moves, in this shift
DTM:468:0010:401'	Non working time 10 minutes
FTX+ACD++MSC::306+ QUAY CRANE BREAKDOWN'	Reason for non working time
DTM:468:0020:401'	Non working time 20 minutes
FTX+ACD++HLD::306+ CRANE HANDLING HATCH LIDS'	Reason for non working time = hatch cover
NAD+CF+CMA'	Container Operator CMA CGM
EQD+CN++40FT:::STD+++5' QTY+371:92' FTX+AID++ELD::306+DEEP SEA'	40ft Full Containers, other than Out-Of-Gauge Cargo and Temperature-Controlled Cargo, quantity 92, Loaded, Deep Sea
EQD+CN++40FT:::STD+++5' QTY+371:8' FTX+AID++ELD::306+SHORT SEA'	40ft Full Containers, other than Out-Of-Gauge Cargo and Temperature-Controlled Cargo, quantity 8, Loaded, Short Sea (Coastal)
EQD+CN++40FT:::OOG+++5' QTY+371:25' FTX+AID++ELD:: 306+DEEP SEA'	40ft Full Containers, with Out-Of-Gauge Cargo, quantity 25, Loaded, Deep Sea
EQD+CN++40FT:::RFR+++5' QTY+371:35' FTX+AID++ELD:: 306+DEEP SEA'	40ft Full Active Reefer Containers, with Temperature-Controlled Cargo , quantity 35, Loaded, Deep Sea
EQD+CN++20FT:::STD+++4' QTY+371:50' FTX+AID++IDI::306'	20ft Empty Containers, quantity 50, Discharged



EQD+CN++40FT:::STD+++5' QTY+371:4' FTX+AID++CSH::306'	40ft Full Containers, quantity 4, Shifted on Board
EQD+CN++20FT:::STD+++5' QTY+371:1' FTX+AID++CDL::306'	20ft Full Containers, quantity 1, Restowed via pier
EQD+AH' QTY+371:2' FTX+AID++BBL::306'	2 Break Bulk items loaded
<b>NAD+CF+MSK'</b>	<b>Container Operator Maersk</b>
EQD+CN++40FT:::STD+++5' QTY+371:180' FTX+AID++ELD:: 306+DEEP SEA'	40ft Full Containers, other than Out-Of-Gauge Cargo and Temperature- Controlled Cargo, quantity 180, Loaded, for Deep Sea
EQD+CN++40FT:::STD+++5' QTY+371:20' FTX+AID++TLD:: 306+DEEP SEA'	40ft Full Containers, other than Out-Of-Gauge Cargo and Temperature- Controlled Cargo, quantity 20, Loaded from Transshipment, for Deep Sea
EQD+CN++40FT:::RFR+++5' QTY+371:15' FTX+AID++IDI::306'	40ft Full Active Reefer Containers, with Temperature-Controlled Cargo , quantity 15, Discharged
EQD+CN++20FT:::STD+++4' QTY+371:5' FTX+AID++IDI::306'	20ft Empty Containers, quantity 5, Discharged
EQD+CN++20FT:::STD+++5' QTY+371:7' FTX+AID++CDL::306'	20ft Full Containers, quantity 7, Restowed via pier
<b>NAD+CF+ACL'</b>	<b>Container Operator ACL</b>
EQD+CN++20FT:::STD+++4' QTY+371:60' FTX+AID++ELD::306+SHORT SEA'	20ft Empty Containers, quantity 60, Loaded, Short Sea
<b>NAD+CF+ZZZ'</b>	<b>Container Operator Dummy Code</b>



EQD+CN++40FT:::STD+++5' QTY+371:3' FTX+AID++ODL::306'	40ft Full Containers, quantity 3, Restowed via pier, for common account
EQD+CN++20FT:::STD+++4' QTY+371:2' FTX+AID++OSH::306'	20ft Empty Containers, quantity 2, Shifted on Board, for common account
EQD+CN++40FT:::STD+++4' QTY+371:4' FTX+AID++TDL::306'	40ft Empty Containers, quantity 4, Terminal Convenience Restow via pier
UNT+95+258'	
UNZ+1+627'	

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